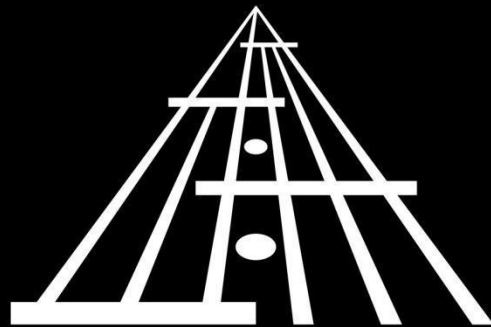




ROCK AND ROLL
HALL OF FAME + MUSEUM™

LIBRARY + ARCHIVES

I Fall to Pieces

Deconstructing Finding Aids
for Catalog Searching

This Morning

- History and overview
- Open source vs. out of the box
- Design and utility
- “Final” product
- Effects of design
- Future development









ROCK AND ROLL HALL OF FAME + MUSEUM LIBRARY + ARCHIVES

CLEVELAND ROCKS



Rock History Comes Alive in Cleveland

A first look at the Hall of Fame's massive new rock & roll library and archives

THE ROCK AND ROLL Hall of Fame has just finished its most ambitious project since the museum was completed in 1995. This January, a four-story, 27,000-square-foot library full of priceless rock documents opened at Cuyahoga Community College, just minutes from the Hall. "Our goal," says library director Andy Leach, "is to be viewed as the preeminent research facility for rock & roll in the world."

The Rock and Roll Hall of Fame Library and Archives—which is free and flows with more than 100,000 vinyl records, hundreds of obscure tapes, nearly every rock book ever printed and countless treasures from major stars.

Early handwritten drafts of Jimi Hendrix's "Purple Haze" lyrics and Janis Joplin's "Meat and Potatoes" are on crumpled sheets of newspaper. Art Garfunkel donated junior-high French-class notes, a late-1960s set list from an early show with Paul Simon (it's packed with lively and other items. Elsewhere is everything from L.L. Cool J's lyric notebook to letters from Madonna. Patti Smith and Billy Joel.

Other documents reveal the day-to-day lives of top music executives, including Atlantic Records founder Ahmet Ertegun, former Columbia and Arista head Clive Davis and former Warner Bros. president Mo Ostin. Persuading cotyledons to have over personal papers was one of the library's toughest challenges. "We let their history go to live on," says Jim Henke, the Hall of Fame's vice president of Exhibitions and Curatorial Affairs. "It wasn't doing the person any good if it's sitting in some attic. We'll preserve it—everything

is light- and humidity- and temperature-controlled." Visitors to the library can watch hundreds of hours of video—including a wealth of previously unseen material from the Hall of Fame's grammy. Some highlights: interviews with and performances by Smokey Robinson, Robbie Robertson and Steven Seagal of the Police.)

And over the past year, the Hall of Fame has been filming an extensive new oral history series with central early rock figures starting with rock figures featuring Pat Donahue, Little Richard, Jerry Lee Lewis and Chuck Berry. "Those interviews are going to be a real treasure trove," says vice president of Education and Public



Rock of Ages

Treasures at the Rock and Roll Hall of Fame's new library include the personal papers of Atlantic Records founder Ahmet Ertegun (with such handwritten lyrics as "Janis Joplin 123") and a notebook of high school flower power and poetry by Art Garfunkel (4)



Programs Lauren Oakes. The library is also amassing concert recordings, including late-New York by Smith, Lou Reed, the Clash and more. Says Leach, "There are things that nobody has ever heard before."

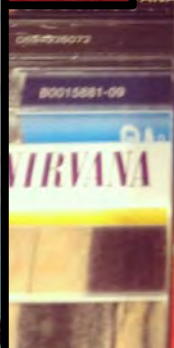
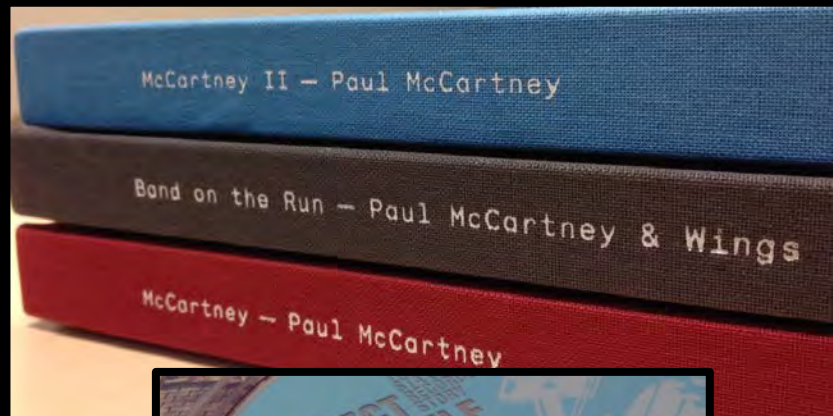
For serious researchers, the library provides unprecedented access into rock's primary documents—many of which had been nearly impossible to find for decades.

Key books, long out of print, are here; nearly complete runs of magazines like *Cashbox* and *Record Collector* provide a week-by-week account of the music industry's evolution. "There needs to be a place like this," says Leach, "where researchers who have been able to connect dots they were never connected before."

While the library has been open to the public since January, the Rock and Roll Hall of Fame is planning a grand opening celebration for April 9th—the week artists including and Red Hot Chili Peppers will be inducted at a blowout ceremony at Cleveland's Public Hall. "When artists come take them here," says Henke. "They'll have a much better understanding of what it is—and going to increase."

AND GARRETT

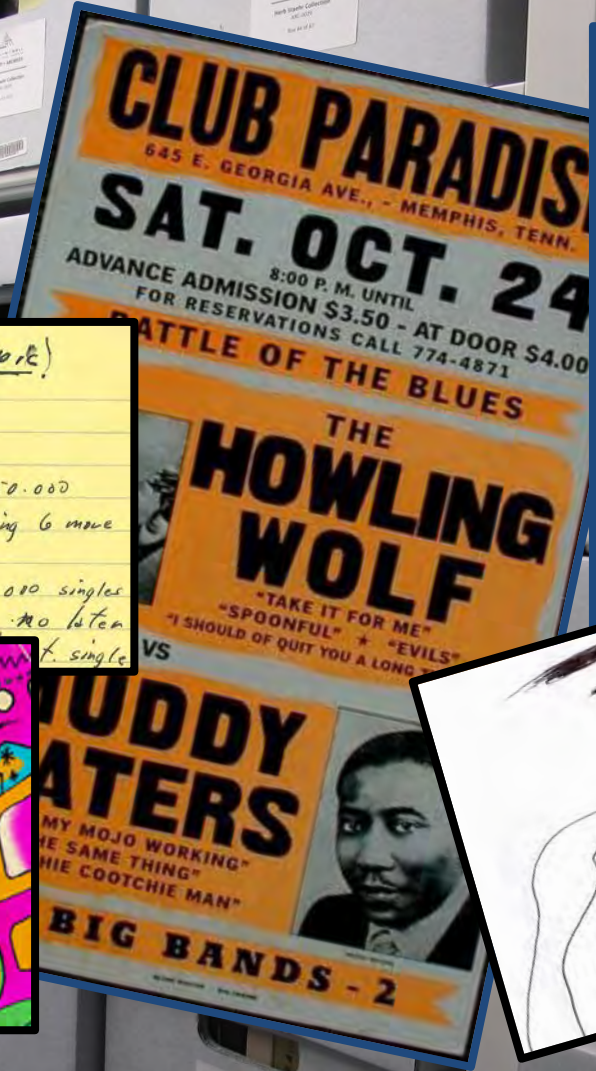
MARCH 11, 2002



Best
 by
 netter.

Pickels Deal (Epic)

1. \$20,000 For 4 Sides
 Term of Contr. 5 Yrs.
2. IF ~~either~~ 1st single sells 150,000
 Epic will ~~at~~ commit to cutting 6 more
 sides For L.P. ~~if~~
3. IF 1st. Single dont sell 150,000 singles
 Epic will release 2nd. Single, no later
 than 1st. single



Where We Are Now

- 2,912 l.f. processed
- 425 collections
- 143 researchers
- 489 reference requests



Ex nihilo

- No ILS
- No archival processing software
- No preservation storage
- No digital initiative

Vendor Decisions

- Bundled solutions are expensive
 - Innovative & ExLibris
- Vendor products didn't fit our needs for video
 - Uncompressed video, PBCore metadata
- Partnered with Case to become an affiliate
- Chose Archivist's Toolkit for our processing software

Digital Decisions

- Video was the priority: induction ceremonies
- Required lots of storage and specialized processing
- Opted for the Fedora repository architecture
 - Flexibility with storage systems and metadata standards
- Chose a vendor to digitize our tapes

Hydra

- Fedora is only a backend
- Needed a web-based interface to manage, catalog and ingest content
- Hydra gives you the ability to manage Fedora within a web framework:
 - Ruby on Rails + Solr + Blacklight

Storage

- Initial estimates for 250 TB of data with expansion over time
- Required two off-site copies
- Cloud storage too expensive at the time
- HSM solution: combines hard disk and tapes
- Multiple tapes stored offsite: Museum downtown, and Iron Mountain in PA

Discovery

- Three data types: MARC, EAD, PBCore
- Funneled into one datastore: Solr
- Interface to Solr for library data: Blacklight
- EAD are separated into multiple item-level records for better searching
- All content in Hydra is item-level

Discovering Finding Aids

- What is a discovery interface for a finding aid?
- Determine the atomic unit for discovery
 - MARC record
 - Digital object
 - Collection? Item?
- Collections are decomposed into component parts for better discovery

Reasoning

- Most of our content is item-driven
- MARC and digital content needs to “stack up” against archival collections
- Greater control over search behaviors
- Collections can be re-assembled with additional digital content NOT described in the collection

Technology Stack

- Blacklight: Rails web application with a Solr backend and functions for search and display
- SolrMarc: indexes marc records into Solr
- solr_ead: indexes ead into Solr
- Hydra: indexes digital objects into Solr
- Wowza: video streaming

Indexing

- All metadata is indexed in Solr as individual documents
- One document per MARC, digital object (PBCore), and EAD
- One document per every component node in an EAD
- A single finding aid is 1+N solr documents

Search Experience

- Results are MARC records, EAD collections, EAD component, and digital objects
- Non-item level components are suppressed from search results
- Individual items are displayed as either the full MARC record, complete finding aid, or the component/object within its collection

Aside: What is Hydra?

- Blacklight + Fedora for data persistence and preservation
- Can be: IR, A/V, archival, or anything
- Our use: video preservation, access, and description
- Exports metadata into our catalog with videos and their collection metadata

Downsides

- Complicated
- In-house solution
- No canonical EAD or collection record
- Development is time-consuming
- High staff costs
- No paid support

Upsides

- Does something no one else is doing
- Fits our needs exactly
- Low technology costs
- Open-source
- Hydra/Blacklight community support

Live Demo

Effects: Processing

- Restricted notes
- Hierarchies
- Description

Art Collins Papers Series I: Iggy Pop Band documents [RESTRICTED], 2003-2004

Series I: Iggy Pop, 1985-2005, undated

Language: English

Scope and Contents: Series I: Iggy Pop contains documents pertaining to Iggy Pop's career, including song licensing, tour information, photographs, merchandising agreements, contracts, professional and personal correspondence, royalty statements, clippings, publications, and press information. The files are arranged as received by the donor. Some material has been stored separately due to size and condition concerns.

Access Restrictions: Some of the materials in this series are confidential and are, therefore, RESTRICTED. Access copies of these materials may have to be created prior to use. Some of the materials in this series are CLOSED. In some cases, patrons may be able to use physical facsimiles of the originals. Consult the Library and Archives staff in advance of your visit to ensure access to these materials is available. Restricted materials are identified at the file level, along with their specific restrictions.

Band documents [RESTRICTED], 2003-2004

Access Restrictions: Some of the materials in this file are confidential and are, therefore, RESTRICTED. Access copies of these materials may have to be created prior to use. Consult the Library and Archives staff in advance of your visit to ensure access to these materials is available.

Container: Box: 19, Folder: 12

Archival Material: Mixed materials

Location: Range: 1 / Section: 1 / Shelf: 2

Alan Freed Collection Series I: Financial Records Subseries 1: Action Records

Cancelled checks #1615, #1616, #1617 – Check Register, 1959 September 2-1959 September 4

Subseries 1: Action Records, 1959

Language: English

Scope and Contents: Subseries 1: Action Records contains one file of cancelled checks. Checks are arranged chronologically.

Cancelled checks #1615, #1616, #1617 – Check Register, 1959 September 2-1959 September 4

Container: Box: 1A, Folder: 1, Object: 1

Archival Material: Documents

Location: Range: 3 / Section: H / Shelf: 4

Effects: Reference

- Less information overload
- Mobile-friendly
- Single search
- Digital items in context
- Search catalog/collection
- Bookmarks

Immaculate Funk Collection (Rock and Roll Hall of Fame and Museum Collection) / Series II: Beta SP Videocassettes
Tape 119A: Aretha Franklin (30 mins.) | Immaculate funk, the Jerry Wexler story: Aretha Franklin

Tape 119A: Aretha Franklin (30 mins.), 1999

Access Restrictions: Available in the online library catalog. Please search for "Immaculate Funk" and facet on Archival Material >> Digital. If you are unable to find what you are looking for, consult the Library and Archives staff to ensure the materials are available.

Container: Box: 3, Cassette: 26

Archival Material: Moving images

Location: Range: 18 / Section: B / Shelf: 6

Immaculate funk, the Jerry Wexler story: Aretha Franklin.

Summary: Aretha Franklin discusses producer Jerry Wexler with film director Tom Thurman, including their work at Muscle Shoals.

Subjects: Wexler, Jerry
Atlantic Recording Corporation
Sound recording executives and producers
Sound recording industry
Rock music--History and criticism
Inductee
Immaculate funk (Motion picture)

Genre/Form: Filmed interviews
Documentary films
Nonfiction films
Film excerpts

Contributors: Franklin, Aretha
Thurman, Tom

Archival Material: Digital

The logo for the Rock and Roll Hall of Fame + Museum. It features a stylized graphic of a building or stage structure with a large play button icon in the center. Below the graphic, the text "ROCK AND ROLL" is written in a bold, sans-serif font, followed by "HALL OF FAME + MUSEUM™" in a smaller, similar font.

What's Next?

- Digital Access and Systems Librarian
- Image digitization workflow and processing: 4 TB
90,000 image backlog
- Extending Hydra's capabilities
- Institutional repository for the Rock Hall
- Community engagement
- LAM integration



... my way of saying what I want to
nobody else will." ...

between P.P.X. Enterprises, Inc.
17th St., New York, N.Y.
\$100.00 dollar and other good and
things follows:
1. New evidence exclusively
above date.

Agreement made as of October 15, 1965 between P.P.X. Enterprises, Inc.
Jimmy Hendrix, Hotel America, 145 W. 47th St., New York, N.Y.

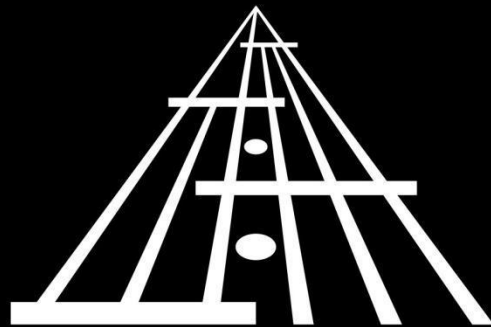
In consideration of the sum of one (1.00) dollar and other good and valuable consideration it is agreed to as follows:

1. That Jimmy Hendrix will produce and perform live exclusively

[illegible]

Questions?

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